

## INTERNATIONAL SEARCH REPORT

PCT/IB

02852

521657

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01F17/00 H01F21/12 H03B5/12 H01L27/08

18 JAN 2005

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01F H03B H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2002/013134 A1 (CASTILLEJO ARMAND ET AL) 31 January 2002 (2002-01-31) paragraph '0037! - paragraph '0043!; figures 2-5	1-9
Y	STEYAERT M ET AL: "1.1 GHZ OSCILLATOR USING BONDWIRE INDUCTANCE" ELECTRONICS LETTERS, IEE STEVENAGE, GB, vol. 30, no. 3, 3 February 1994 (1994-02-03), pages 244-245, XP000435350 ISSN: 0013-5194 the whole document	1-9

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

14 October 2003

Date of mailing of the international search report

21/10/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Marti Almeda, R

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 892 425 A (KUHN WILLIAM B ET AL) 6 April 1999 (1999-04-06) cited in the application column 1, line 24 - line 34; figure 2 column 3, line 17 - column 4, line 30; figure 3 column 6, line 27 - line 46; figure 8 -----	1
A	EP 0 413 348 A (MITSUBISHI ELECTRIC CORP) 20 February 1991 (1991-02-20) abstract; figure 11 -----	7

## INTERNATIONAL SEARCH REPORT

PCT/IT 02852

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 2002013134	A1	31-01-2002	FR	2812445 A1		01-02-2002
			EP	1178500 A1		06-02-2002
US 5892425	A	06-04-1999	NONE			
EP 0413348	A	20-02-1991	JP	3077360 A		02-04-1991
			DE	69026164 D1		02-05-1996
			DE	69026164 T2		31-10-1996
			DE	69030011 D1		03-04-1997
			DE	69030011 T2		04-09-1997
			DE	69030123 D1		10-04-1997
			DE	69030123 T2		18-09-1997
			DE	69030738 D1		19-06-1997
			DE	69030738 T2		18-12-1997
			DE	69032792 D1		07-01-1999
			DE	69032792 T2		01-07-1999
			EP	0413348 A2		20-02-1991
			EP	0643402 A2		15-03-1995
			EP	0643403 A2		15-03-1995
			EP	0643404 A2		15-03-1995
			EP	0649152 A2		19-04-1995
			US	5095357 A		10-03-1992